

AMENDMENTS TO THE CLAIMS

This Listing of Claims will replace all prior versions, and listings, of claims in the subject Patent Application.

Listing of Claims:

Claim 1 (Original) A video decoder adapted to decode robustly encoded video information comprising: a demultiplexer adapted to parse data from the video bitstream; motion decoder configured to receive motion information from the demultiplexer, where the motion decoder is configured to be able to decode motion information for a standard motion vector, which is referenced to a previous frame, where the motion decoder is further configured to be able to decode motion information from a redundant motion vector, which is referenced to a frame prior to the previous frame; a texture decoder configured to receive texture information from the demultiplexer and decode a texture of the VOP; and a composition circuit adapted to combine multiple VOPs to generate a video frame.

Claim 2 (Original) The video decoder as defined in claim 1, further comprising a shape decoder configured to receive shape information from the demultiplexer and decodes a shape of a video object plane (VOP) from the received data.

Claim 3 (Original) The video decoder as defined in claim 1, wherein the motion decoder is configured to decode motion from the standard motion vector when the previous frame is available.

Claim 4 (Original) The video decoder as defined in claim 1, wherein the motion decoder is configured to decode motion from the redundant motion vector when the previous frame is not available.

Claim 5 (Original) The video decoder as defined in claim 1, wherein the motion decoder is configured to decode motion from both the standard motion vector and the redundant motion vector and is further configured to select between a VOP reconstructed from the standard motion vector and a VOP reconstructed from the redundant motion vector.

Claim 6 (Original) The video decoder as defined in claim 1, wherein the motion decoder is configured to decode video bitstreams that are compliant with MPEG-4 syntax.

Claim 7 (Original) A video object plane (VOP) decoder in a video decoder that is adapted to decode a VOP in a first frame, comprising: a first memory configured to store a reconstructed VOP from a second frame, where the second

frame is a frame immediately prior to the first frame; a second memory configured to store a reconstructed VOP from a third frame, where the third frame is a frame that is prior to the second frame; a first motion decoder configured to decode a standard motion vector from an encoded bitstream that is related to motion of the first reconstructed VOP in the first memory; a second motion decoder configured to decode a redundant motion vector from the encoded bitstream that is related to motion of the second reconstructed VOP in the second memory; and a motion compensator that is configured to reconstruct a VOP at least in part from information provided by at least one of the first motion decoder and the second motion decoder.

Claim 8 (Original) The VOP decoder as defined in claim 7, wherein the third frame stored by the second memory is a frame that is immediately prior to the second frame.

Claim 9 (Original) The VOP decoder as defined in claim 7, further comprising a selector module adapted to select between a VOP reconstructed at least in part from the standard motion vector and a VOP reconstructed at least in part from the redundant motion vector.

Claim 10-25 (Canceled).

Claim 26 (Original) A video decoder configured to decode a video bitstream that includes redundant motion vectors for at least some predictive-coded video object planes (P-VOPs), the video decoder comprising: means for receiving the video bitstream; means for decoding video object planes (VOPS) of a first frame from the video bitstream; means for detecting that a first reference VOP from a second frame is not available, where the second frame is a reference frame for a standard motion vector for a P-VOP of the first frame; means for retrieving a redundant motion vector from the video bitstream, where the redundant motion vector uses a second reference VOP from a third frame earlier in time than the second frame as a reference; and means for reconstructing the P-VOP from the redundant motion vector and the second reference VOP.